

Micaria pulicaria, Sund.—Captured running on a bank on Barnes Common with ♂♂ of *D. nigra* on April 19th.

Micryphantus beatus, Camb. ♂.—Dr. Randell Jackson tells me this is the name of a small spider I captured at Woking on May 29th running on a bank in company with ♀♀ of *Tapinoma erraticum*. In life the spider was so remarkably like the ant, that I actually bottled it under the impression that it was one of the ants. (The colony of the ant was subsequently dug up and contained some nine or ten queens. One of the ♀♀ was observed, carrying a minute yellow insect, which proved to be the larva of a Thrips.)

A new Myrmecophilous Aphid from Africa.

By FRED. V. THEOBALD, M.A., F.E.S.

APHIS PHEIDOLEI, NOV. SP.

Apterous viviparous female.

Antennæ less than half the length of the body; sixth segment and the apex of the fifth darkened; the first segment larger than the second; the third a little longer than the fourth and much shorter than the sixth; the fourth about as long as the fifth; the latter with the usual sub-apical sensorium; the sixth longer than the fourth and fifth, its basal area about one-fifth the length of the flagellum; the third to the sixth imbricated, the latter markedly so.

Head slightly protuberant in the middle and at the sides.

Pronotum with a papilla on each side.

The more or less ovate abdomen has a lateral papilla between the meso- and meta-thoracic legs; one on the abdomen before the cornicles and one larger one between the cornicles and the cauda.

The cornicles are short and thick, not as long as the cauda, and are somewhat expanded basally; faintly imbricated.

Cauda with four pairs of lateral bristles, somewhat irregularly placed, and one or more irregularly placed dorsal ones; slightly spinose.

Anal plate somewhat quadrilateral, with some scattered long hairs.

Apparently from the spirit specimens of a dull greenish to greenish-brown colour; the antennæ being dark at the apex of the fifth and on all the sixth segment.

The cornicles are dark; the cauda appears dusky and also the anal plate.

The legs are the same colour as the body, except the apex of the tibiæ and the tarsi, which are much darkened.

Length.—1.3mm. to 1.9mm.

Alate viviparous female.

Apparently of similar colour to the apterous female. The thoracic lobes, cauda and cornicles dark.

The short, thick cornicles are about two-thirds the length of the cauda, imbricated and laterally serrated.

The cauda is spinose and has three pairs of lateral hairs and one medio-dorsal sub-apical one.

Wing venation normal; veins apparently brownish; the inner border of the stigma darkened more than the rest of the stigma.

The veins where they join the wing border have dusky areas around them on the membrane.

Length.—1.9mm.

Locality.—Mwengwa, N.W. Rhodesia, Africa. ix. 1913.

Notes.—Found by Mr. Dollman in the nests of an ant—*Pheidole*, sp. The specimens in spirit were sent me by Mr. Donisthorpe. There